

Sigrun Goluch

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2070080/publications.pdf>

Version: 2024-02-01

24
papers

504
citations

623699

14
h-index

713444

21
g-index

24
all docs

24
docs citations

24
times ranked

699
citing authors

#	ARTICLE	IF	CITATIONS
1	Combining phase images from array coils using a short echo time reference scan (COMPOSER). Magnetic Resonance in Medicine, 2017, 77, 318-327.	3.0	49
2	Friend-in-the-Middle Attacks: Exploiting Social Networking Sites for Spam. IEEE Internet Computing, 2011, 15, 28-34.	3.3	46
3	A formâ€fitted three channel ³¹ P, two channel ¹ H transceiver coil array for calf muscle studies at 7 T. Magnetic Resonance in Medicine, 2015, 73, 2376-2389.	3.0	40
4	Dynamic ASL and T2* -weighted MRI in exercising calf muscle at 7 T: A feasibility study. Magnetic Resonance in Medicine, 2015, 73, 1190-1195.	3.0	39
5	Power balance and loss mechanism analysis in RF transmit coil arrays. Magnetic Resonance in Medicine, 2015, 74, 1165-1176.	3.0	33
6	Skeletal muscle ATP synthesis and cellular H ⁺ handling measured by localized 31P-MRS during exercise and recovery. Scientific Reports, 2016, 6, 32037.	3.3	33
7	A Formal Approach Enabling Risk-Aware Business Process Modeling and Simulation. IEEE Transactions on Services Computing, 2011, 4, 153-166.	4.6	32
8	Exercising calf muscle changes correlate with pH, PCr recovery and maximum oxidative phosphorylation. NMR in Biomedicine, 2014, 27, 553-560.	2.8	31
9	Dynamic PCr and pH imaging of human calf muscles during exercise and recovery using ³¹ P gradientâ€Echo MRI at 7 Tesla. Magnetic Resonance in Medicine, 2016, 75, 2324-2331.	3.0	31
10	Novel inductive decoupling technique for flexible transceiver arrays of monolithic transmission line resonators. Magnetic Resonance in Medicine, 2015, 73, 1669-1681.	3.0	26
11	Localized semi-LASER dynamic 31P magnetic resonance spectroscopy of the soleus during and following exercise at 7T. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2015, 28, 493-501.	2.0	23
12	In vivo MRI of the human finger at 7 T. Magnetic Resonance in Medicine, 2018, 79, 588-592.	3.0	23
13	Flexible Multi-Turn Multi-Gap Coaxial RF Coils: Design Concept and Implementation for Magnetic Resonance Imaging at 3 and 7 Tesla. IEEE Transactions on Medical Imaging, 2021, 40, 1267-1278.	8.9	19
14	Interleaved multivoxel ³¹ P MR spectroscopy. Magnetic Resonance in Medicine, 2017, 77, 921-927.	3.0	16
15	A flexible 12-channel transceiver array of transmission line resonators for 7T MRI. Journal of Magnetic Resonance, 2018, 296, 47-59.	2.1	13
16	Exploiting social networking sites for spam. , 2010, , .		11
17	Proton-decoupled carbon magnetic resonance spectroscopy in human calf muscles at 7 T using a multi-channel radiofrequency coil. Scientific Reports, 2018, 8, 6211.	3.3	10
18	Risk-Aware Business Process Managementâ€Establishing the Link Between Business and Security. Springer Optimization and Its Applications, 2010, , 109-135.	0.9	9

#	ARTICLE	IF	CITATIONS
19	A Formal Approach Towards Risk-Aware Service Level Analysis and Planning. , 2010, , .		7
20	Tx/Rx Head Coil Induces Less RF Transmit-Related Heating than Body Coil in Conductive Metallic Objects Outside the Active Area of the Head Coil. <i>Frontiers in Neuroscience</i> , 2017, 11, 15.	2.8	5
21	Technical Note: Human tissueâ€™equivalent MRI phantom preparation for 3 and 7 Tesla. <i>Medical Physics</i> , 2021, 48, 4387-4394.	3.0	3
22	Planning Dynamic Activity and Resource Allocations Using a Risk-Aware Business Process Management Approach. , 2010, , .		2
23	3D localized lactate detection in muscle tissue using doubleâ€™quantum filtered 1 H MRS with adiabatic refocusing pulses at 7ÂˆT. <i>Magnetic Resonance in Medicine</i> , 2021, , .	3.0	2
24	A Flexible Array for Cardiac 31P MR Spectroscopy at 7 T. <i>Frontiers in Physics</i> , 2020, 8, .	2.1	1